

LISTING OF THE CLAIMS

The following listing of claims reproduces the claims as previously amended, and is included for convenience only:

1. (Previously amended) A system for assigning object identifiers, comprising:
 - a global positioning system (GPS) receiver for providing location and time information;
 - an identification generator that generates a unique identifier, wherein the identifier includes the provided location and time information in an encoded format; and
 - a system for assigning the identifier to an electronic commerce purchase located proximate the GPS receiver.
2. (Original) The system of claim 1, wherein the location information includes three dimensional information.
3. (Previously amended) The system of claim 1, wherein the electronic commerce purchase and assigned identifier are stored in a database with similar electronic commerce purchases and their respective assigned identifiers.
4. (Original) The system of claim 1, wherein the identification generator is located remotely from the GPS receiver.

5. (Original) The system of claim 1, wherein the identification generator is located locally to the GPS receiver.

6. (Previously amended) A program product stored on a recordable medium for assigning object identifiers, the program product comprising:

means for receiving location and time information from a global positioning system (GPS) receiver;

means for generating a unique identifier, wherein the identifier includes the received location and time information in an encoded format; and

means for outputting the identifier in a format suitable for tagging a network login located proximate the GPS receiver.

7. (Previously amended) The program product of claim 6, further comprising means for processing simultaneous network logins that occur at a common location.

8. (Original) The program product of claim 6, further comprising database means for storing the identifier.

9. (Previously amended) A system for processing object identifiers in the Internet, comprising:

a database for holding data objects;

at least one identification system for providing unique identifiers for data objects, wherein the identification system obtains location and time information from a global positioning system (GPS) and encodes the location and time information into each unique identifier; and

an application for processing the data objects, wherein the application includes a system for processing the unique identifier, and wherein the data objects comprise at least one of data about computer hardware devices, network logins, and electronic commerce purchases.

10. (Previously amended) The system of claim 9, wherein the application comprises a referencing system that allows data objects in the database to be tracked.

11. (Previously amended) The system of claim 9, wherein the application comprises a time checking system that extracts time information from the unique identifiers provided to the data objects.

12. (Previously amended) The system of claim 11, wherein the data objects comprise network logins and the time checking system compares a time difference between network logins.

13. (Previously amended) The system of claim 9, wherein the application comprises a routing system that extracts location information from the unique identifiers provided to the data objects.

14. (Previously amended) The system of claim 13, wherein the data objects comprise data about routers in a network, and the application routes data by examining the location information associated with each router.

15. (Original) The system of claim 9, wherein the application comprises a security system.

16. (Previously amended) The system of claim 15, wherein the data objects comprise login events to a computer system, and the security system ensures that each unique identifier is not afforded multiple login events.

17. (Original) The system of claim 9, wherein the application comprises a data translation system that extracts information from the unique identifier and translates it into a different format.

18. (Previously amended) The system of claim 9, wherein the data objects comprise electronic commerce purchases, and the application validates each electronic commerce purchase.

19. (Previously amended) A method of generating object identifiers, comprising the steps of:

obtaining time and location information from a global positioning system (GPS);
generating a unique identifier from the time and location information, wherein the time and location information is encoded into the unique identifier; and
associating the unique identifier with an object, wherein the object comprises a computer hardware device.

20. (Original) The method of claim 19, wherein the object exists at a time and location where the time and location information is received.

21. (Original) The method of claim 19, comprising the further step of extracting the time information from the unique identifier in order to process the object.

22. (Original) The method of claim 21, comprising the further step of comparing the time information extracted from a first and second object.

23. (Original) The method of claim 19, comprising the further step of extracting the location information from the unique identifier in order to process the object.

24. (Original) The method of claim 19, comprising the further step of tracking the object using the unique identifier.